

P50770

**Figure 1**

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4A6 DTVLTQSPA. LAVPPGERVT VSC**RASESVS** TFLHWYQQKP GHQP  
C108G AVHMTQSPSS LSASVGDSVT ITC**RASQTIN** IYLNHWYQQKP GKAP

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\*

4A6 KLLIY**LASKL** **ES**GVPARFSG GSGTDFTLT IDPVEADDTA TYYC**QQTWND**  
C108G KLLIF**DASIL** **QS**GVPSRFSG SSGTDFSLT IRSLQPEDFA TYYC**QCGWGTH**

4A6 **PRT**FGGGT KLELKR  
C108G **PYN**FGQGT KLEIKR

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 3. of the world is not a uniform one.  
 4. of the world is not a uniform one.  
 5. of the world is not a uniform one.  
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 10. of the world is not a uniform one.

Figure 2

\* \* \*

4A6 EVQLQQSGPE VGRPGSSVKI SCKASGYTFT **DYVLNWVK** QSPGQGLEWI  
 C108G EVQLVESGGG VVQPGGSLRL SCAASGFTFD **DFAMHWVR** QAPGKGLEWI

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4A6 **GWIDPDYG TTDYAEKFKK** KATLTADTSS STAYIQLSSL TSEDATYFC  
 C108G **SLVSWDSY NIYHADSVKG** RFTISRDNRS NSLYLQMNDL RPEDTAIYFC

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4A6 AR**SRNYGG**... ..**YI** NYWGQGVMTVS  
 C108G AKADTGGDFD **YVSDSWRCAL** DYWGQGTSLTVS

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Figure 3

	1	<b>CDR1</b>	
VLB9	DIQMTQTSS LSASLGDRVT ITCRSSQ.....	<b>DISNFLN</b>	WYQQKPDGTV
Cmp46-3	DIQMTQSPSS LSASVGDRVT ITCRASQ.....	<b>GISNYLA</b>	WYQQKPGKAP
	45	<b>CDR2</b>	<b>CDR3 94</b>
VLB9	KLLIYYTSTL HSGVPSRFSG SGSGTDYSLT ISNLEQEDIA TYFC	<b>QQGNTL</b>	
Cmp46-3	KLLIYYASRL ESGVPSRFSG SGSGTDYTLT ISSLPEDFA TYYC	<b>QQYNSN</b>	
	95		
VLB9	P..WTFGGGT NLEIKR		
Cmp46-1	FGGGT KVEIKR		

103620" E1250600




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1          11          21          CDR1          39          48
*          *          *          *          *
VHB9      QVQLQQSGAE LMKPGASVKI SCKATGYTFS SYWIE..WVK QRPGHGLEWI
AMP41CL18 QVQLVQSGAE VKKPGSSVKV SCKVSGGTFS TYGFS..WVR QAPGQGLEWM

49          CDR2          66          76          83          92
*          *          *          *          *
VHB9      GEILP..RSG NTNYNEKFKG KATFTAETSS NTAYMQLSSL TPEDSAVYYC
AMP41CL18 GMIIP..IVG TVKYAQRFAQ RVSINADTST NIAYMELTSL RSEDVAVYYC

93          CDR3          104
*          *
VHB9      SSRGVGRGSM.....DYW GQGTSVTVSS
AMP41CL18 ATDLTVTTNDAF.....DI
AMP41CL10 W GQGTSLTVSS

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**Figure 5**

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1
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VL3G9          DIVMTQSQKF MSTSVGDRVS VTCKASQ.....NVGTNVA WYQQKPGQSP
VK46-14        DIQMTQSPSS LSASVGDRVT ITCRASQ.....SISNYLS WYQQKPGKAP

45             CDR2                                     CDR3 94
*
VL3G9          KALIIYSASYR YSGVPDRFTG SSGGTDFTLT ISNVQSEDLA EYFCQQYNSY
VK46-14        KLLIYYASTL QSGVPSRFSG SSGGTDFTLT ISSLPEDFA TYYCQHGYGT

95
VL3G9          P..LTFGAGT KLELK
VK46-14        H..PTFGGGT KVEIK

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**Figure 6**

	1	11	21		<i>CDR1</i>	39	48
			* * *			*	*
VH3G9	QVQLQQPGAE	LVKSGASVKL	SCKASGSTFT	<i>SYMMH</i> ..WVK	QRPGRGLEWI		
Chimp41-18	QVQLVQSGAE	VKKPGSSVKV	SCKVSGGTFS	<i>TYGFS</i> ..WVR	QAPGQGLEWM		
	49	<i>CDR2</i>	66		76	83	92
			*****				
VH3G9	<i>GRIDP</i> .. <i>NSG</i>	<i>GTKDNEKFKS</i>	KATLTVDKPS	STAYMQLSSL	TSEDSAVYYC		
Chimp41-18	<i>GMIIP</i> .. <i>IVG</i>	<i>TVKYAQRFAQ</i>	RVSINADTST	NIAYMELTSL	RSEDVAVYYC		
	93	<i>CDR3</i>	104				
	*						
VH3G9	<i>ARETTYDSS</i> ..	<i>FAYW</i>	QGQTLVTVS				
Chimp41-18	<i>ATDLTVTTN</i> ..	<i>DAFDIW</i>	QGQTMVTVS				